

Application No.: 09/937587

Case No.: 54676US002

In the Claims

Please amend claims 1, 18-19 and cancel claims 5-6.

1. (currently amended) A signage article comprising:

a substrate comprising a noncellulosic organic polymeric surface,
a radiation cured coating crosslinked by exposure radiation selected from the group consisting of ultraviolet radiation, visible radiation, electron beam radiation, and combinations thereof disposed on the noncellulosic organic polymeric surface; and
a marking material disposed on the radiation cured coating, wherein the marking material is not substantially removed from the signage article upon wiping the marking material with gasoline for five cycles.

2. (original) The signage article of claim 1 wherein the substrate comprising a noncellulosic organic polymeric surface comprises retroreflective sheeting.

3. (original) The signage article of claim 2 wherein the retroreflective sheeting is part of a validation sticker.

4. (original) The signage article of claim 1 wherein the marking material comprises a colorant and a binder and the binder comprises a polymer selected from the group of a polyester, a vinyl, a polyolefin, a polyvinyl acetal, an alkyl or aryl substituted acrylate or methacrylate, a copolymer of ethylene or propylene with acrylic acid, methacrylic acid, or vinyl acetate, and combinations thereof.

5-6 (canceled)

7. (original) The signage article of claim 6 wherein the UV-curable composition comprises an acrylate.

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8. (original) The signage article of claim 7 wherein the acrylate comprises an aliphatic acrylated urethane.
9. (original) The signage article of claim 1 wherein the marking material is not substantially removed upon wiping the marking material with gasoline for ten cycles.
10. (original) The signage article of claim 8 wherein the marking material is not substantially removed upon wiping the marking material with gasoline for twenty-five cycles.
11. (original) The signage article of claim 1 wherein the marking material is not substantially removed upon abrading the marking material for 1000 scrub cycles.
12. (original) The signage article of claim 1 wherein the marking material is not substantially removed upon applying a pressure sensitive adhesive-coated tape to the marking material under thumb pressure and removing it.
13. (original) The signage article of claim 1 wherein the radiation cured coating is not substantially removed upon applying a pressure sensitive adhesive-coated tape to the radiation cured coating under thumb pressure and removing it.
14. (original) The signage article of claim 1 wherein the radiation cured coating is not substantially removed upon wiping the radiation cured coating with gasoline for five cycles.
15. (original) The signage article of claim 1 wherein the radiation cured coating is not substantially removed upon abrading the radiation cured coating for 1000 scrub cycles.
16. (original) The signage article of claim 1 wherein the radiation cured coating is pattern coated.

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17. (original) The signage article of claim 1 which does not include a protective coating over the marking material.

18. (currently amended) A signage article comprising:

a retroreflective sheeting comprising an organic polymeric surface;

a radiation cured coating crosslinked by exposure radiation selected from the group consisting of ultraviolet radiation, visible radiation, electron beam radiation, and combinations thereof comprising an acrylate disposed on the organic polymeric surface;

a marking material disposed on the radiation cured coating; wherein the marking material is not substantially removed from the signage article upon wiping the marking material with gasoline for five cycles.

19. (currently amended) A signage article comprising:

a retroreflective sheeting comprising an organic polymeric surface;

a radiation cured coating crosslinked by exposure radiation selected from the group consisting of ultraviolet radiation, visible radiation, electron beam radiation, and combinations thereof comprising an aliphatic acrylated urethane disposed on the organic polymeric surface; and

a marking material disposed on the radiation cured coating.

20-36 (withdrawn)